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## PATENT APPLICATION

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### METHOD, COMPUTER-READABLE MEDIUM, AND NODE FOR DETECTING EXPLOITS BASED ON AN INBOUND SIGNATURE OF THE EXPLOIT AND AN OUTBOUND SIGNATURE IN RESPONSE THERETO

#### ABSTRACT OF THE INVENTION

A method of detecting an intrusion at a node of a network comprising reading a first packet received by the node, determining a first signature of the first packet, comparing the first signature with a signature file comprising a first machine-readable logic representative of a first packet signature, determining the first signature corresponds with the first machine readable logic, reading a second packet generated by the node in response to reception of the first packet, determining a second signature of the second packet, comparing the second signature with the signature file further comprising a second machine-readable logic representative of second packet signature, and determining the second signature corresponds with the second machine readable logic is provided. A computer-readable medium and a node for detecting an exploit based upon an outbound signature generated in response to an inbound signature of the exploit are also provided.